

What is Claimed Is:

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A1* 1. A method in an application server for executing an application to deliver voice portal services, the method comprising:

receiving a HTTP request for execution of a prescribed voice portal service application for a subscriber;

accessing attribute information for the subscriber from an Internet Protocol (IP) based database server configured for storing subscriber attributes;

sending a request to a content server for media content based on the HTTP request and the attribute information; and

generating an HTML page for execution of the prescribed voice portal service application having XML tags configured for controlling delivery of the media content in an audible format, based on the HTTP request.

2. The method of claim 1, wherein the receiving step includes recovering within the HTTP request a browser configuration.

3. The method of claim 2, wherein the recovering step includes identifying the browser configuration as one of a computer browser configuration configured for parsing a prescribed group of media tags and presenting a prescribed group of media types, and a lightweight browser configuration configured for parsing a prescribed portion of the prescribed group of media tags.

4. The method of claim 3, wherein the generating step includes generating the HTML page by selectively supplying media tag types based on the identified browser configuration.

5. The method of claim 1, wherein the accessing step includes accessing the IP-based database server according to LDAP protocol.

6. The method of claim 1, wherein the step of sending a request includes using a data retrieval application programming interface to access the content server.

7. The method of claim 6, further comprising converting text based information obtained from the content server into a media file having at least one prescribed media type.

8. The method of claim 7, wherein the converting step includes converting the text based information into a .wav file playable by a browser.

9. The method of claim 8, wherein the step of generating an HTML page includes inserting a first media tag including the .wav file and a second media tag configured for playing the .wav file.

10. The method of claim 7, wherein the converting step includes executing a text to speech resource for converting the text based information into an audio file.

11. The method of claim 1, further comprising generating second HTML page in response to an input indicating particular information of interest received from the subscriber, having instructions to access the particular information.

12. The method of claim 1, wherein the step of accessing attribute information includes accessing subscriber preferences defining information which the subscriber wishes to receive.

13. An application server configured for executing an application for delivering voice portal services, the application server including:

a hypertext transport protocol (HTTP) interface for receiving an HTTP request specifying execution of a prescribed voice portal application for a subscriber; and

an application runtime environment configured for dynamically generating, in response to the HTTP request, a hypertext markup language (HTML) document for execution of the prescribed

voice portal service application, the HTML document having XML tags configured for controlling delivery of media content, from a content server, in an audible format based on the HTTP request and on accessing attribute information for the subscriber from an Internet Protocol (IP) based database server configured for storing subscriber attributes.

14. The server of claim 13, wherein the application runtime environment accesses the IP-based database server according to LDAP protocol.

15. The server of claim 13, wherein the application runtime environment is configured for instructing a data retrieval application programming interface to access the content server.

16. The server of claim 13, wherein the application runtime environment is configured for converting text based information, obtained from the content server, into a media file having at least one prescribed media type.

17. The server of claim 16, wherein the application runtime environment is configured for converting the text based information into a .wav file playable by a browser.

18. The server of claim 16, wherein application runtime environment is configured for executing a text to speech resource for converting the text based information into an audio file.

19. The server of claim 13, wherein the attribute information includes subscriber preferences defining information which the subscriber wishes to receive.

20. A computer readable medium having stored thereon sequences of instructions for executing an application to deliver voice portal services, the sequences of instructions including instructions for performing the steps of:

receiving a HTTP request for execution of a prescribed voice portal service application for a subscriber;

accessing attribute information for the subscriber from an Internet Protocol (IP) based database server configured for storing subscriber attributes;

sending a request to a content server for media content based on the HTTP request and the attribute information; and

generating an HTML page for execution of the prescribed voice portal service application having XML tags configured for controlling delivery of the media content in an audible format, based on the HTTP request.

21. The medium of claim 20, wherein the receiving step includes recovering within the HTTP request a browser configuration.

22. The medium of claim 21, wherein the recovering step includes identifying the browser configuration as one of a computer browser configuration configured for parsing a prescribed group of media tags and presenting a prescribed group of media types, and a lightweight browser configuration configured for parsing a prescribed portion of the prescribed group of media tags.

23. The medium of claim 21, wherein the generating step includes generating the HTML page by selectively supplying media tag types based on the identified browser configuration.

24. The medium of claim 20, wherein the accessing step includes accessing the IP-based database server according to LDAP protocol.

25. The medium of claim 20, wherein the step of sending a request includes using a data retrieval application programming interface to access the content server.

26. The medium of claim 25, further comprising converting text based information obtained from the content server, into a media file having at least one prescribed media type.

27. The medium of claim 26, wherein the converting step includes converting the text based information into a .wav file playable by a browser.

28. The medium of claim 26, wherein the step of generating an HTML page includes inserting a first media tag including the .wav file and a second media tag configured for playing the .wav file.

29. The medium of claim 25, wherein the converting step includes executing a text to speech resource for converting the text based information into an audio file.

30. The medium of claim 20, further comprising generating second HTML page in response to an input indicating particular information of interest received from the subscriber, having instructions to access the particular information.

31. The medium of claim 20, wherein the step of accessing attribute information includes accessing subscriber preferences defining information which the subscriber wishes to receive.

32. An application server configured for executing an application for delivering a voice portal service, the application server including:

a hypertext transport protocol (HTTP) interface for receiving an HTTP request specifying execution of a prescribed voice portal application for a subscriber; and

means for dynamically generating, in response to the HTTP request, a hypertext markup language (HTML) document for execution of the prescribed voice portal service application, the HTML document having XML tags configured for controlling delivery of media content, from a content server, in an audible format based on the HTTP request and on accessing attribute

information for the subscriber from an Internet Protocol (IP) based database server configured for storing subscriber attributes.

33. The server of claim 32, wherein the generating means is configured to access the IP based database server according to LDAP protocol.

34. The server of claim 32, wherein the generating means is configured to instruct a data retrieval application programming interface to access the content server.

35. The server of claim 32, wherein the generating means is configured for converting text based information into a media file having at least one prescribed media type.

36. The server of claim 35, wherein the generating means is configured for converting the text based information into a .wav file playable by a browser.

37. The server of claim 35, wherein generating means is configured for executing a text to speech resource for converting the text based information into an audio file.

38. The server of claim 32, wherein the attribute information includes subscriber preferences defining information which the subscriber wishes to receive.

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